



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Mailing Date May 30, 2002

Complete if Known

Application Number 10/087,161

Filing Date 02/27/2002

First Named Inventor Eric H. Erickson Jr. et al.

Group Art Unit 1616

Examiner Name Not yet assigned

Attorney Docket Number 0293.99R

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA1	5,750,129		Wakarchuk	05/12/1998	entire reference, see in particular, col. 4, line 1 to col. 18, line 39, and col. 5, line 55
	AB1	4,657,926		Pickett et al.	04/14/1987	col. 1, lines 38-43; col. 3, lines 14-15 and 46-49
	AC1	4,780,479		Pickett et al.	10/25/1988	col. 1, lines 40-46; col. 3, lines 17-18 and 54-57
	AD1	5,849,317		Shorey et al.	12/15/1998	col. 3, lines 9-11 and 16-21; col. 7, line 12 to col. 9, line 29; col. 11, lines 13 and 15
	AE1	5,662,914		Shorey et al.	09/02/1997	col. 3, lines 1-3 and 8-13; col. 11, lines 13 and 15
	AF1	6,037,374		Kochansky et al.	03/14/2000	entire reference
	AG1	4,933,371		Hink et al.	06/12/1990	col. 2, lines 9-29; col. 7, lines 32-41; col. 13, line 45 to col. 14, line 15; col. 16, line 20 to col. 21, line 17
	AH1	3,577,515		Vandegaer	05/04/1971	entire reference
	AI1	4,775,534		Bartlett et al.	10/04/1988	col. 4, line 45 to col. 8, line 3
	AJ1	4,867,731		Willard et al.	09/19/1989	entire reference

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AK1	DE	4012224	A1	Holtmann	10/17/1991	Abstract ; page 2, lines 29-59	
Examiner Signature						Date Considered	6/25/03	

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/087,161
				Filing Date	02/27/2002
				First Named Inventor	Eric H. Erickson Jr. et al.
				Group Art Unit	1616
				Examiner Name	Not yet assigned
Sheet	2	of	3	Attorney Docket Number	0293.99R
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>		
AL2	AL-SA'AD, B.N., Free, J.B. and Howse, P.E., "Adaptation of Worker Honeybees ( <i>Apis mellifera</i> ) to their Alarm Pheromones," <i>Physiological Entomology</i> (1985) 10:1-14				
AM2	BOCH, R. and Shearer, D.A., "2-Heptanone and 10-Hydroxy- <i>Trans</i> -Dec-2-Enoic Acid in the Mandibular Glands of Worker Honey Bees of Different Ages," <i>Zeitschrift für vergleichende Physiologie</i> (1967) 54:1-11				
AN2	BOCH, R. and Shearer, D.A., "Chemical Releasers of Alarm Behaviour in the Honey-Bee, <i>Apis Mellifera</i> ," <i>J. Insect Physiol.</i> (1971) 17:2277-2285				
AO2	BOCH, R., Shearer, D.A., and Petrasovits, A., "Efficacies of Two Alarm Substances of the Honey Bee," <i>J. Insect Physiol.</i> (1970) 16:17-24				
AP2	BUTLER, C.G., "Mandibular Gland Pheromone of Worker Honeybees," <i>Nature</i> (1966) 212:530				
AQ2	COLE, L.K. and Blum, M.S., "Antifungal Properties of the Insect Alarm Pheromones, Citral, 2-Heptanone, and 4-Methyl-3-Heptanone," <i>Mycologia</i> (1975) 67:701-708				
AR2	COLLINS, A.M., Rinderer, T.E., Daly, H.V., Harbo, J.R., and Pesante, D., "Alarm Pheromone Production by Two Honeybee ( <i>Apis mellifera</i> ) Types," <i>Journal of Chemical Ecology</i> (1989) 15(6):1747-1756				
AS2	FREE, J.B., Pickett, J.A., Ferguson, A.W., Simpkins, J. R., and Smith, M.C., "Repelling Foraging Honeybees with Alarm Pheromones," <i>J. Agric. Sci. Camb.</i> (1985) 105:255-260				
AT2	GALLO, J.A.Q., Debeaufort, F. and Voilley, A., "Interactions Between Aroma and Edible Films. I. Permeability of Methylcellulose and Low-Density Polyethylene Films to Methyl Ketones," <i>J. Agric. Food Chem.</i> (1999) 47(1):108-113				
AU2	HUANG, Z.-Y., Plettner, E., and Robinson, G.E., "Effects of Social Environment and Worker Mandibular Glands on Endocrine-Mediated Behavioral Development in Honey Bees," <i>J. Comp. Physiol A</i> (1998) 183:143-152				
AV2	KEANE, S. and Ryan, M.F., "Purification, Characterisation, and Inhibition by Monoterpenes of Acetylcholinesterase from the Waxmoth, <i>Galleria mellonella</i> (L.)," <i>Insect Biochemistry and Molecular Biology</i> (1999) 29:1097-1104				
AW2	KRAUS, B., "Effects of Honey-Bee Alarm Pheromone Compounds on the Behaviour of <i>Varroa jacobsoni</i> ," <i>Apidologie</i> (1990) 21:127-134				
Examiner Signature				Date Considered	6/25/03

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Application Number	10/087,161
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First Named Inventor	Eric H. Erickson Jr. et al.
Group Art Unit	1616
Examiner Name	Not yet assigned
Attorney Docket Number	0293.99R

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AX3	LENSKY, Y. and Cassier, P., "The Alarm Pheromones of Queen and Worker Honey Bees," <i>Bee World</i> (1995) 76(3):119-129	
	AY3	NAIK, D.G., Katke, S. Chawda, S.S., and Thomas, D., "2-Heptanone as a Repellent for <i>Apis cerana</i> ," <i>J. of Apicultural Research</i> (1997) 36 (3/4):151-154	
	AZ3	PATTE, F., Etcheto, M., Marfaing, P., and Laffort, P., "Electroantennogram Stimulus-Response Curves for 59 Odourants in the Honey Bee, <i>Apis Mellifica</i> ," <i>J. Insect Physiol.</i> (1989) 35(9):667-675	
	BA3	RIETH, J.P., Wilson, W.T. and Levin, M.D., "Repelling Honeybees from Insecticide-Treated Flowers with 2-Heptanone," <i>Journal of Apicultural Research</i> (1986) 25(2):78-84	
	BB3	RINDERER, T.E., "Sociochemical Alteration of HoneyBee Hoarding Behavior," <i>J. of Chemical Ecology</i> (1982) 8(5):867-871	
	BC3	SAKAMOTO, C.H., Soares, A.E.E. and Lopes, J.N.C., "A Comparison of 2-Heptanone Production in Africanized and European Strains of the Honeybee, <i>Apis Mellifera</i> L.," <i>Journal of Apicultural Research</i> (1990) 29(4):199-205	
	BD3	SAKAMOTO, C.H., Soares, A.E.E. and Lopes, J.N.C., "Relationship Between 2-Heptanone and Some Biological and Environmental Variables in <i>Apis Mellifera</i> L.," <i>Journal of Apicultural Research</i> (1990) 29(4):194-198	
	BE3	SANFORD, M.T., <i>APIS Apicultural Information and Issues from IFAS / University of Florida Dept. of Entomology and Nematology</i> (1997) 15(8)	
	BF3	SHEARER, D.A. and Boch, R., "2-Heptanone in the Mandibular Gland Secretion of the Honey-bee," (1965) 206:530	
	BG3	TROUILLER, J. and Milani, N., "Stimulation of <i>Varroa jacobsoni</i> Oud. Oviposition with Semiochemicals from Honeybee Brood," <i>Apidologie</i> (1999) 30:3-12	
	BH3	VALLET, A., Cassier, P. and Lensky, Y., "Ontogeny of the Fine Structure of the Mandibular Glands of the Honeybee ( <i>Apis Mellifera</i> L.) Workers and the Pheromonal Activity of 2-Heptanone," <i>J. Insect Physiol.</i> (1991) 37(11):789-804	
	BI3	VISSCHER, P.K., Vetter, R.S. and Robinson, G.E., "Alarm Pheromone Perception in Honey Bees Is Decreased by Smoke (Hymenoptera: Apidae)," <i>Journal of Insect Behavior</i> (1995) 8(1):11-18	

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**October 25, 2002**

**Complete if Known**

**10/087,161**

02/27/2002

Eric H. Erickson et al.

1616

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<b>Filing Date</b>	<b>02/27/2002</b>
<b>First Named Inventor</b>	<b>Eric H. Erickson et al.</b>
<b>Group Art Unit</b>	<b>1616</b>
<b>Examiner Name</b>	<b>Not yet assigned</b>
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